

# Philip L R Bonner

## List of Publications by Year in descending order

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21  
papers

782  
citations

687363

13  
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713466

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21  
docs citations

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times ranked

839  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurite outgrowth inhibitory levels of organophosphates induce tissue transglutaminase activity in differentiating N2a cells: evidence for covalent adduct formation. <i>Archives of Toxicology</i> , 2020, 94, 3861-3875.	4.2	3
2	A1 adenosine receptor-induced phosphorylation and modulation of transglutaminase 2 activity in H9c2 cells: A role in cell survival. <i>Biochemical Pharmacology</i> , 2016, 107, 41-58.	4.4	21
3	Modulation of transglutaminase 2 activity in H9c2 cells by PKC and PKA signalling: a role for transglutaminase 2 in cytoprotection. <i>British Journal of Pharmacology</i> , 2014, 171, 3946-3960.	5.4	14
4	An extracellular transglutaminase is required for apple pollen tube growth. <i>Biochemical Journal</i> , 2010, 429, 261-271.	3.7	49
5	Effects of chlorpyrifos on transglutaminase activity in differentiating rat C6 glioma cells. <i>Toxicology in Vitro</i> , 2010, 24, 2104-2107.	2.4	1
6	Estimation of peptide concentration by a modified bicinchoninic acid assay. <i>Analytical Biochemistry</i> , 2009, 393, 138-140.	2.4	33
7	Effects of phenyl saligenin phosphate on cell viability and transglutaminase activity in N2a neuroblastoma and HepG2 hepatoma cell lines. <i>Toxicology in Vitro</i> , 2009, 23, 1559-1563.	2.4	8
8	Immobilised Metal Affinity Chromatography for the Analysis of Proteins and Peptides. <i>Current Analytical Chemistry</i> , 2008, 4, 127-135.	1.2	12
9	Transglutaminase mediated grafting of silk proteins onto wool fabrics leading to improved physical and mechanical properties. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1698-1704.	3.2	61
10	On-line capillary column immobilised metal affinity chromatography/electrospray ionisation mass spectrometry for the selective analysis of histidine-containing peptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 857, 240-245.	2.3	7
11	Analysis of tryptic peptides using desorption electrospray ionisation combined with ion mobility spectrometry/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1131-1138.	1.5	52
12	Transglutaminase treatment of wool fabrics leads to resistance to detergent damage. <i>Journal of Biotechnology</i> , 2005, 116, 379-386.	3.8	86
13	An improved colorimetric assay for the measurement of transglutaminase (type II) $\mu$ -( $\gamma$ -glutamyl) lysine cross-linking activity. <i>Analytical Biochemistry</i> , 2004, 330, 164-166.	2.4	26
14	An improved colorimetric assay for the measurement of transglutaminase (type II) $\mu$ -( $\gamma$ -glutamyl) lysine cross-linking activity. <i>Analytical Biochemistry</i> , 2004, 330, 164-164.	2.4	1
15	Electrospray mass spectrometry for the identification of MHC class I-associated peptides expressed on cancer cells. <i>Journal of Immunological Methods</i> , 2002, 262, 5-19.	1.4	24
16	Direct evidence that leukemic cells present HLA-associated immunogenic peptides derived from the BCR-ABL b3a2 fusion protein. <i>Blood</i> , 2001, 98, 2887-2893.	1.4	231
17	Nano-electrospray and microbore liquid chromatography-ion trap mass spectrometry studies of copper complexation with MHC restricted peptides. <i>Analyst</i> , 2000, 125, 599-603.	3.5	12
18	Detection of Ca <sup>2+</sup> -Dependent Transglutaminase Activity in Root and Leaf Tissue of Monocotyledonous and Dicotyledonous Plants. <i>Plant Physiology</i> , 1998, 117, 1115-1123.	4.8	70

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19	Assays for the measurement of tissue transglutaminase (type II) mediated protein crosslinking via $\mu$ -( $^3$ -glutamyl) lysine and $\epsilon$ , $\epsilon$ -bis ( $^3$ -glutamyl) polyamine linkages using biotin labelled casein. Journal of Proteomics, 1997, 34, 31-43.	2.4	13
20	Factors Influencing the Free Amino Acid Content of Potato ( <i>Solanum tuberosum</i> L) Tubers during Prolonged Storage. Journal of the Science of Food and Agriculture, 1996, 70, 515-525.	3.5	56
21	Factors Influencing the Free Amino Acid Content of Potato <i>Solanum tuberosum</i> L Tubers during Prolonged Storage. Journal of the Science of Food and Agriculture, 1996, 70, 515-525.	3.5	2